

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

(43) International Publication Date
7 October 2004 (07.10.2004)



PCT

(10) International Publication Number
WO 2004/085438 A3

(51) International Patent Classification⁷: C07D 487/04, (A61K 31/4188)

(21) International Application Number: PCT/EP2004/050339

(22) International Filing Date: 22 March 2004 (22.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 24 March 2003 (24.03.2003) IT
MI2003A000573

(71) Applicant (for all designated States except US): NIKEM RESEARCH S.R.L. [IT/IT]; Via Zambeletti 25, I-20021 BARANZATE DI BOLLATE (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FARINA, Carlo [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambeletti 25, I-20021 BARANZATE DI BOLLATE (IT). GAGLIARDI, Stefania [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambeletti 25, I-20021 BARANZATE DI BOLLATE (IT). PARINI, Carlo [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambeletti 25, I-20021 BARANZATE DI BOLLATE (IT). MARTINELLI, Marisa [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambeletti 25, I-20021 BARANZATE DI BOLLATE (IT). GHELARDINI, Carla [IT/IT]; c/o Dipartimento di Farmacologia Preclinica e Clinica "M. Aiazzi Mancini" Università di Firenze, Viale G. Pieraccini 6, I-50139 FIRENZE (IT).

(74) Agent: GERVASI, Gemma; NOTARBARTOLO & GERVASI S.p.A., Corso di Porta Vittoria 9, I-20122 MILAN (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
25 November 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/085438 A3

(54) Title: PYRROLOIMIDAZOLE DERIVATIVES, THEIR PREPARATION, PHARMACEUTICAL COMPOSITION CONTAINING THEM, AND THEIR USE AS NOOTROPIC AGENTS

(57) Abstract: Described herein are new bicyclic arylimidazolones having nootropic action (i.e., protecting and stimulating cerebral functions), analgesic action and anti hyperalgesic action; also described is the process for their preparation and pharmaceutical compositions comprising them, useful for the treatment of cognitive deficits, and of various types of pain.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050339

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D487/04 A61K31/4188

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
CHEM ABS Data, EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 93/09120 A (SMITHKLINE BEECHAM FARMA) 13 May 1993 (1993-05-13) cited in the application page 31 -page 33; claims 1-12 ---	8-20
Y	EP 0 335 483 A (ISF SPA) 4 October 1989 (1989-10-04) cited in the application page 3 ---	1-26
Y	EP 0 174 136 A (WARNER LAMBERT CO) 12 March 1986 (1986-03-12) page 1 -page 5 ---	1-26 -/-

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Patent family members are listed in annex.

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Date of the actual completion of the International search

10 September 2004

Date of mailing of the international search report

11/10/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax (+31-70) 340-3016

Authorized officer

Kyriakkou, G

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International Application No
PCT/EP2004/050339

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MARIO PINZA ET AL.: "Synthesis and Pharmacological Activity of a Series of Dihydro-1H-pyrrolo[1,2-a]imidazole-2,5(3H,6H)-diones, a Novel Class of Potent Cognition Enhancers" JOURNAL OF MEDICINAL CHEMISTRY., vol. 36, no. 26, 24 December 1993 (1993-12-24), pages 4214-4220, XP002295812 USAMERICAN CHEMICAL SOCIETY. the whole document -----</p>	1-26

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